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Mr. Peck's annual reports for 1891 and 1892 appeared in close succession during the autumn of 1893. The form of his previous reports is preserved, giving general notes on the work of his department, a list of plants added to the State herbarium, a list of contributors and their contributions, notes on plants not before reported by him as occurring within the State, and remarks and observations on various species, under which heading in both reports a large number of fungi are described as new species.

Monographs of the New York species of *Omphalea*, *Pluteola* and *Galera* are appended. N. L. B.

*Abutilon vitifolium*. J. D. Hooker (Bot. Mag. t. 7328, December, 1893).

Illustration and description of this fine Chilean species.

*Neue Asiatische und Amerikanische Gentianien*. N. J. Kusenow (Act. Hort. Petrop. 13: 52-64, 1893).

Four new species of American Gentians are here described as new—*G. scaberrima*, said to be related to *G. Saponaria* and *G. Elliottii*, and which appears from the description to be a narrow-leaved form of the latter, *G. Grayi*, based on a specimen collected by H. C. Beardslee in Michigan and labelled *G. puberula* and said to resemble both *G. puberula* and *G. linearis*, and which we do not satisfactorily refer to any species known to us; if any one in America possesses a duplicate of this collection we should be glad to see it; also *G. Californica* from California and *G. ovatiloba* from Mexico (Bourgeau, No. 1123 bis.). N. L. B.

### Proceedings of the Club.

WEDNESDAY EVENING, FEBRUARY 28, 1894.

The President in the chair and fourteen persons present.

Mrs. Britton announced the death of Dr. Richard Spruce, one of our corresponding members and a botanist of distinction. Dr. Spruce was connected with the work of collecting plants and seeds of the *Cinchona* trees for introduction to culture in British India. At this time and subsequently, he made great collections of plants in Peru and upon the upper Amazon, and he has been

for many years widely known as an able student of Cryptogams, especially Hepatics. He was an old man and had been for a long time in very poor health. Dr. Britton announced the death of another corresponding member, Dr. Samuel Lockwood, of Freehold, New Jersey. The two announcements were discussed by several members, and, by a vote of the Club, the Secretary was requested to address a letter of condolence to the family of Dr. Lockwood, who was personally known to many of the members.

The announced paper of the evening was then read by Dr. Rusby, "New Species of Gamopetalæ from Bolivia." The paper consisted of brief general references to the principal species-yielding groups, and was illustrated by specimens. It will be published in the MEMOIRS.

TUESDAY EVENING, MARCH 13, 1894.

The President in the chair and twenty-four persons present.

Mr. Wm. M. Van Sickle and Miss Alexandrina Taylor were elected active members.

The Secretary read a communication from Mr. A. Commons, of Wilmington, Del., recording the occurrence of *Meibomia ochroleuca* and *Elephantopus Carolinianus*, near Pennsville, Salem county, N. J., both new to the Flora of that State.

The announced paper of the evening was read by Mr. Henry Kraemer, entitled "Botany at the World's Columbian Exposition." It was discussed by Dr. Britton, Mr. Lebrun and the President.

WEDNESDAY EVENING, MARCH 28, 1894.

Vice-President Allen in the Chair and twenty-eight persons present.

The Committee of Instruction reported that the circulars relating to the course of 1894 had been distributed, and that, in accordance with the resolution of last year to extend the course to fifteen lectures, the course had already commenced with a lecture last Thursday.

It was resolved that the President be requested to appoint a Field Committee of five members to act during the ensuing season. The President subsequently appointed as this Committee,

Dr. H. H. Rusby, chairman, Mrs. N. L. Britton, Miss Helen Ingersoll, Mr. Geo D. Hulst and Mr. T. H. Kearney, Jr.

Mr. G. T. Rignel, of Lockport, N. Y., was elected a corresponding member.

Dr. Britton alluded to the so-called *Rhamnus Caroliniana* of the vicinity of New York, and stated that on investigation it had been proved to be a different species which appeared to be undescribed in American books. Specimens were exhibited from New Durham, N. J., East New York, and Flushing, Long Island.

The following announced papers were presented:

"The Early Botanists," by Dr. S. Ely Jelliffe.

"The Species of *Orthotrichum* of Western North America," by Mrs. N. L. Britton. (Published in the present issue of the BULLETIN.)

### Index to Recent Literature relating to American Botany.

**Atkinson, George F.** Heliotropism of *Cassia nictitans*. Bull. Torr. Bot. Club, 21: 81. 20 F. 1894.

**Bailey, L. H.** The Japanese Plums in North America. Bull. N. Y. (Cornell.) Exp. Sta. 62, 36. Ja. 1894.

Maintains that "the Japanese plums constitute the most important type of fruit introduced into North America during the last quarter of a century."

**Bailey, L. H.** Whence came the Cultivated Strawberry? Am. Nat. 28: 293-306. Ap. 1894.

**Baker, J. G.** *Hippeastrum brachyandrum*. Curt. Bot. Mag. 50: t. 7344. Mr. 1894.  
A Paraguayan species.

**Bay, J. Christian.** The Micro-organisms of Fermentation. Am. Nat. 28: 343. Ap. 1894.

**Bay, J. Christian.** Vegetable Ferments. Bot. Gaz. 19: 68-71. Mr. 1894 [reprinted].

**Beach, S. A.** Strawberry Crosses. Bull. N. Y. (Geneva) Exp. Sta. 64, pp. 8, pl. 2. Ja. 1894.

**Beech, S. A.** Experiments in preventing Pear Scab. Bull. N. Y. (Geneva) Exp. Sta. 67, 181-204, pl. 2. F. 1894.  
The treatment was successful with dilute Bordeaux mixture.